

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	10/520315
Filing Date	
First Named Inventor	Michel P.B. VAN BRUGGEN et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	NL 020662

Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
2. I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.

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A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____) relied on for an earlier effective filing date under 35 U.S.C. 120).

A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.

A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

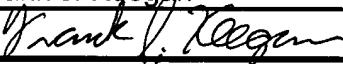
The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

cited in the specification or considered in drafting the specification of this application;

previously submitted or cited in the parent application (or in a related patent application Ser. No. _____) Filing Date: _____;

cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Frank J. Keegan	Registration No. (Attorney/Agent)	50,145
Signature		Date	12/21/04

CERTIFICATE OF MAILING OR TRANSMISSION

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE										Atty. Docket No.		Serial No.				
										NL 020662		10/520315				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)										Applicant Michel P.B. VAN BRUGGEN et al.						
										Filing Date CONCURRENTLY		Group				
U.S. PATENT DOCUMENTS																
Ex. Int.		Document Number			Date			Name			Class	Sub- class	Filing Date If Approp.			
	AA															
	AB															
	AC															
	AD															
	AE															
	AF															
FOREIGN PATENT DOCUMENTS																
		Document Number								Date	Country	Class	Sub- Class	Trans.		
		E	P	0	7	5	6	5	8	6	February 5, 1997	Europe	C04B	35/111	Yes	No
	AG														X	
	AH	E	P	1	0	5	3	9	8	3	November 22, 2000	Europe	C04B	35/115	X	
	AI															
	AJ															
	AK															
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)																
	AL	"Anisotropy of Grain Growth in Alumina" Jurgen Rodel et al., Journal, J.Am Ceram, Soc. 73, No. 11, December 1990. pps. 3292-3301.														
	AM	"Preparation of High-Strength and Translucent Alumina" by Hot Isostatic Pressing, Hiroyuki Mizuta, et al. Journal, pps. 469-473.														
	AN	"Transmission Optical Properties of Polycrystalline Alumina with Submicron Grains" Koichi Hayashi et al., Materials Transactions, JIM, vol. 32, no. 11 (1991). Pp 1024-1029.														
Examiner										Date Considered						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.																